

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ramnath Sasisekharan et al.                      Art Unit : Unknown  
Patent No. : 5,389,539    Examiner : Unknown  
Issue Date : February 14, 1995  
Serial No. : 07/983,367  
Filed : November 30, 1992  
Title : Purification of Heparinase I, II, and II from *Flavobacterium Heparinum*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE AND ELECTION OF  
ASSIGNEE TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTORS

The undersigned, as authorized representative of the assignee of the entire right, title and interest in the above-identified application, hereby appoints

LAURIE BUTLER LAWRENCE, Reg. No. 46,593  
LOUIS MYERS, Reg. No. 35,965  
JOHN GAGEL, Reg. No. 33,499

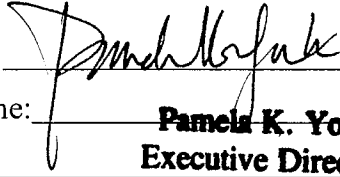
as its attorney to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR §3.71 *et seq.* of the Patent Office Rules of Practice.

Ownership is in the assignee by virtue of the assignment documents filed on February 4, 1993 – MIT, frame 0969/reel 6480 and Iowa, frame 0972/reel 6480 also filed on February 4, 1993. The documents evidencing ownership have been reviewed and to the best of the assignee's knowledge and belief, title is in the assignee.

Applicant : Ramnath Sasisekharan et al.  
Patent No. : 5,389,539  
Issued : February 14, 1995  
Serial No. : 07/983,367  
Filed : November 30, 1992  
Page : 2 of 2

Attorney's Docket No.: 14131-075001

Please direct all communications regarding the application to **Customer Number 26161**.

Signature:  Date: 7/24/07  
Typed name: **Pamela K. York**  
Title: **Executive Director**  
Assignee: University of Iowa Research Foundation

LBL/mkf

Fish & Richardson P.C.  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

21723475.doc